

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 3.16 mV/m service.

Exhibit No.

12. Will the main studio be within the protected 3.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☒ Yes ☐ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

☐ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.

(1) Protected and interfering contours, in all directions (360°), for the proposed operation.

(2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.

(3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.

(4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.

(5) The official title(s) of the map(s) used in the exhibits(s).

14. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☐ Yes ☒ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(e) and 73.318.)

Exhibit No.

15. Attach as an Exhibit a 75 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
Eng. Fig. 3

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
Eng. Fig. 2

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 3.16 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 4,799 sq. km.

Population 70,272 (1986)

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 30-second database

☐ 75 minute topographic map

(Source: National Geophysical Data Center)

☐ Other *(briefly summarize)*

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 5)

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances	
		To the 3.16 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
53.0 *	138.3	24.30	40.82
0	135.1	24.03	40.40
45	135.0	24.02	40.39
90	141.5	24.56	41.22
135	123.4	23.01	38.82
180	106.8	21.48	36.59
225	104.6	21.26	36.28
270	127.7	23.39	39.42
315	126.0	23.24	39.18

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement/See 47 C.F.R. Section 1.1301 et seq.)

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No.

If No, explain briefly why not. See Engineering Statement

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

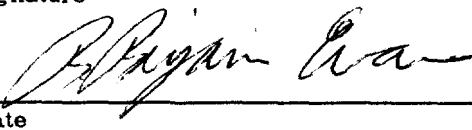
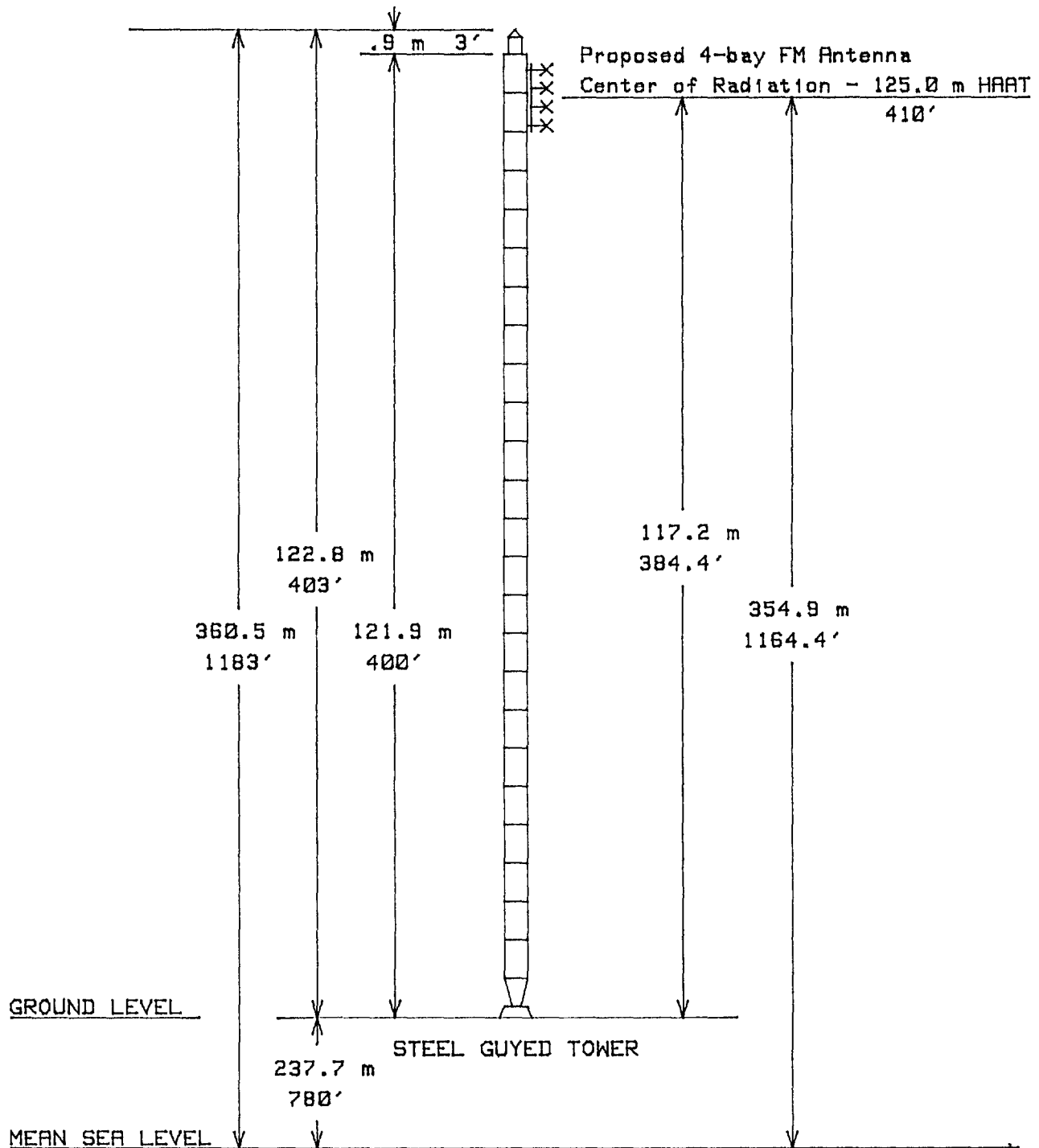
Name (Typed or Printed)	Relationship to Applicant (e.g., Consulting Engineer)
B. Benjamin Evans	Consulting Engineer
Signature	Address (Include ZIP Code)
	216 N. Green Bay Road Thiensville, WI 53092
Date	Telephone No. (Include Area Code)
October 1, 1991	(414) 242-6000

FIGURE 1



VERTICAL PLAN SKETCH OF ANTENNA STRUCTURE

New FM Station - Rivertown Communications Co.
Eldon, Iowa

16.2 KW E.R.P. 104.3 MHz

PROPOSED PREDICTED
SERVICE CONTOURS

Sectional Aeronautical Chart
CHICAGO
Scale 1:500,000

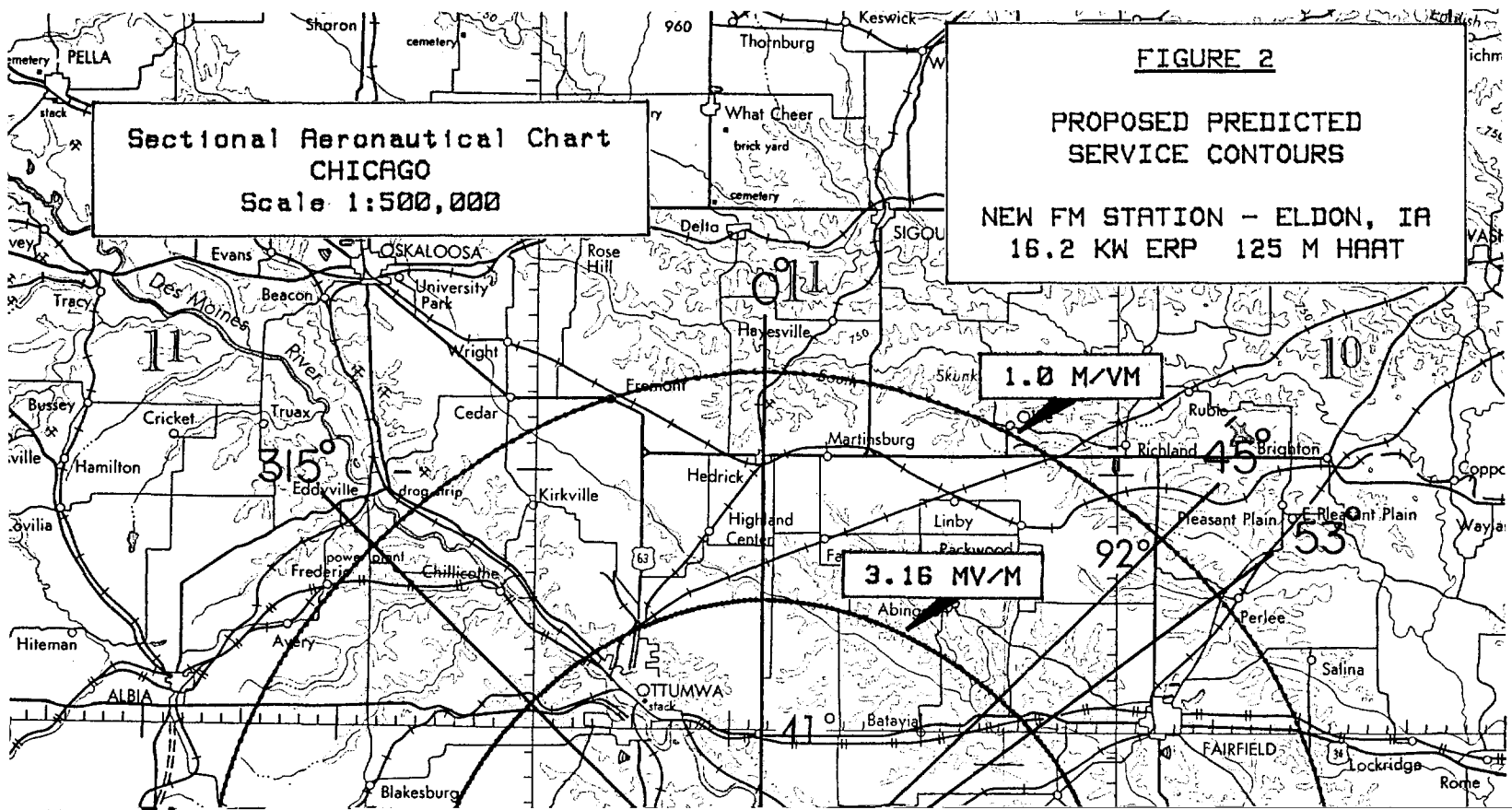


FIGURE 4

Evans Associates
216 N. Green Bay Road
Thiensville, WI 53092
FM FREQUENCY ALLOCATION STUDY

Channel: 282C3 (104.3 MHz)

Coordinates: 40 - 52 - 6 92 - 18 - 20

Job Title: RIVERTOWN COMM CO - ELDON IA

Φ indicates 73.215 Facility
Cl.A Spacing: CURRENT

CALL STATUS	Φ CITY STATE	CH/CL-ZN FCC#	ERP-kw COMMENTS	HAAT-m DA	LATITUDE LONGITUDE	BEAR-to -from-°T	DIST-km CLEAR-km	REQ -km
KEZT LIC	Ames IA	281C BLH861229KC>	100.	308	41 54 9 93 54 15	311.3° 130.2°	176.3 +0.8	175.5
KBEQ LIC	Kansas City MO	282C BLH850813KT>	100.	301	39 4 59 94 28 49	223.7° 42.3°	271.7 +35.2	236.5
KTOF LIC	Cedar Rapids IA	283C1 BLH5113	100.	168	42 4 51 91 41 45	20.4° 200.8°	144.0 +0.5	143.5
KBOEFM LIC	Oskaloosa IA	285A BLH3446	2.90	87	41 19 15 92 38 44	330.6° 150.4°	57.8 +16.3	41.5
KBOEFM CP	Oskaloosa IA	285C2 BPH900604ID>	50.0	150	41 19 15 92 38 44	330.6° 150.4°	57.8 +2.3	55.5

>> *** CHANNEL SUITABLE FOR ASSIGNMENT *** <<

DO NOT REMOVE CARBONS

Form Approved OMB No. 2120-0001


 U.S. Department of Transportation
 Federal Aviation Administration

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

Aeronautical Study Number

1. Nature of Proposal

A. Type	B. Class	C. Work Schedule Dates
<input checked="" type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Permanent	Beginning <u>FCC Approval</u>
<input type="checkbox"/> Alteration	<input type="checkbox"/> Temporary (Duration _____ months)	End <u>6 Mos. Later</u>

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code)

 (515) 652-3425
 area code Telephone Number

 Rivertown Communications Company, Inc.
 P.O. Box 65
 Eldon, IA 52554

B. Name, address and telephone number of proponent's representative if different than 3 above.

 Evans Associates
 216 N. Green Bay Road
 Thiensville, WI 53092
 (414) 242-6000

4. Location of Structure

A. Coordinates (To nearest second)	B. Nearest City or Town, and State	C. Name of nearest airport, heliport, flight park, or seaplane base
40° 52' 06"	Floris, IA	Bloomfield Muni.
Latitude	(1) Distance to 4B 1.4 Miles	(1) Distance from structure to nearest point of nearest runway 11.4 mi
92° 18' 20"	(2) Direction to 4B West	(2) Direction from structure to airport N 214° E
Longitude		

2. Complete Description of Structure

- A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure.
- B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports.
- C. Include information showing site orientation, dimensions, and construction materials of the proposed structure.

A single triangular, cross-section steel guyed tower with a four-bay FM antenna mounted on the side near the top.

The station will operate on 104.3 MHz (FM Broadcast) with 16.2 KW ERP.

(if more space is required, continue on a separate sheet.)

5. Height and Elevation (Complete to the nearest foot)

A. Elevation of site above mean sea level	780
B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated	403
C. Overall height above mean sea level (A + B)	1183

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☒ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 898-A).

SECTION VII - CERTIFICATIONS

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.5680?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

Exhibit No.

If No, attach as an Exhibit, a full explanation.

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted DAVID BENSON

Telephone No. (include area code) 515-652-7617

Person contacted: (check one box below)

☒ Owner ☐ Owner's Agent ☐ Other (specify)

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

SECTION VII - CERTIFICATION (Page 5)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant RIVERTOWN COMMUNICATIONS COMPANY, INC.	Signature <i>David W. Brown</i>
Date OCTOBER 4, 1991	Title PRESIDENT

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT

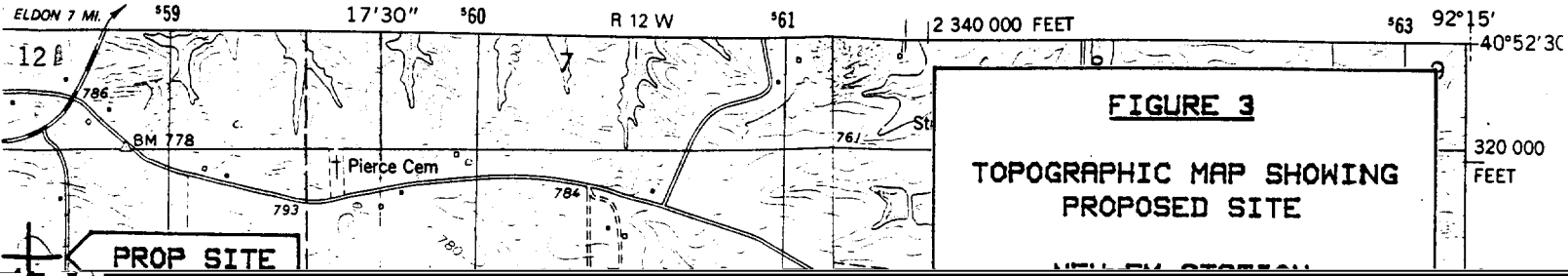
The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 71 hours 45 minutes to 801 hours 30 minutes with an average of 118 hours 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0027), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

FLORIS QUADRANGLE
IOWA-DAVIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 OTTUMWA SOUTH 15' QUADRANGLE

7555 1 NW
(ELDON)



STATES
F THE INTERIOR
AL SURVEY

